

## CLAIMS

1. A method for observing an image stream, the method comprising:
  - accepting images acquired by a vehicle disposed within a body lumen;
  - displaying the images on a monitor in the form of a moving image;
  - accepting a signal from a wheel; and
  - altering the display of the moving image according to the signal.
2. The method of claim 1, wherein moving the wheel a certain distance from a center point causes the moving image to be displayed at a certain speed.
3. The method of claim 1, wherein moving the wheel a certain distance from a center point causes the moving image to be displayed in a certain direction.
4. The method of claim 1, wherein movement of a set distance of the wheel causes a different frame of the moving image to be displayed.
5. The method of claim 1, wherein movement of a set distance of the wheel represents a single movement of the moving image.
- 20 6. The method of claim 1, wherein the moving image can be displayed in variable speed.
7. The method of claim 1, wherein a signal is accepted through a scrolling wheel of a pointing device.

8. The method of claim 1, wherein the wheel is a scrolling wheel.
9. The method as in claim 1, wherein the vehicle is a capsule.  
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10. The method as in claim 1 wherein the images are images from a gastrointestinal tract.
11. A system for observing an image stream, the system comprising:  
10 a processor displaying images acquired by a vehicle disposed within a body lumen in the form of a moving image; and  
15 a wheel for accepting a signal from a user; wherein the processor accepts signals regarding the operation of the wheel and alters the display of the images accordingly.  
12. The system of claim 11, wherein moving the wheel a certain distance from a center point causes the moving image to be displayed at a certain speed.  
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13. The system of claim 11, wherein moving the wheel a certain distance from a center point causes the moving image to be displayed in a certain direction.  
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14. The system of claim 11, wherein movement of a set distance of the wheel will cause a different frame of the moving image to be displayed.

15. The system of claim 11, wherein the moving image can be displayed in variable speed.

16. The system of claim 11, wherein a signal is accepted user through a scrolling 5 wheel of a pointing device.

17. The system of claim 11, wherein the wheel is a scrolling wheel.

18. The system of claim 11, wherein the vehicle is a capsule.

19. The system of claim 11, wherein the images are images from a gastrointestinal tract.

20. A method for observing an image stream, the method comprising:  
accepting images acquired by a vehicle disposed within a body lumen;  
displaying the images on a monitor in the form of a moving image;  
accepting a signal from via a scrolling wheel; and  
altering the display of the moving image according to the signal accepted,  
wherein movement of a set distance of the wheel causes a different frame of the 20 moving image to be displayed.

21. A method for observing an image stream, the method comprising:  
accepting images acquired by a vehicle disposed within a body lumen;  
displaying the images on a monitor in the form of a moving image;

accepting a signal from the user through a scrolling wheel of a pointing device; and

altering the display of the moving image according to the signal accepted from the user, wherein moving the wheel a certain distance from a center point causes the moving image to be displayed in a certain direction.

22. A system for observing an image stream, the system comprising:

a processor displaying images acquired by a vehicle disposed within a body

lumen in the form of a moving image; and

a scrolling wheel for accepting a signal from a user; wherein the processor accepts signals regarding the operation of the wheel and alters the display direction of the images accordingly.

23. A system for observing an image stream, the system comprising:

a processor displaying images acquired by a vehicle disposed within a body

lumen in the form of a moving image; and

a scrolling wheel of a pointing device for accepting a signal from a user; wherein the processor accepts signals regarding the operation of the wheel and alters the display of the images accordingly wherein movement of a set distance of the wheel causes the moving image to display a different frame.

24. A method for observing an image stream, the method comprising:

accepting images acquired by a vehicle disposed within a body lumen;

displaying the images on a monitor in the form of a moving image;

accepting a signal via joystick; and  
altering the display of the moving image according to the signal.

25. The method of claim 24, wherein moving the joystick a certain distance from a  
5 center point causes the moving image to be displayed at a certain speed.

26. The method of claim 24, wherein moving the joystick a certain distance  
from a center point causes the moving image to be displayed in a certain direction.

10 27. The method as in claim 24, wherein the vehicle is a capsule.

28. The method as in claim 24 wherein the images are images from a  
gastrointestinal tract.

15 29. A system for observing an image stream, the system comprising:  
a processor displaying images acquired by a vehicle disposed within a body  
lumen in the form of a moving image; and  
a joystick for accepting a signal from a user; wherein the processor accepts  
signals regarding the operation of the joystick and alters the display of the images  
20 accordingly.

30. The system of claim 29, wherein moving the joystick a certain distance from a  
center point causes the moving image to be displayed at a certain speed.

31. The system of claim 29, wherein moving the joystick a certain distance from a center point causes the moving image to be displayed in a certain direction.

32. The system of claim 29, wherein the vehicle is a capsule.

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33. The system of claim 29, wherein the images are images from a gastrointestinal tract.

34. A method for observing an image stream in variable speed, the method comprising:

accepting images acquired by a vehicle disposed within a body lumen;

displaying the images on a monitor in the form of a moving image;

accepting a signal from a joystick; and

altering the display of the moving image according to the signal.

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35. A method for observing an image stream, the method comprising:

accepting images acquired by a vehicle disposed within a body lumen;

displaying the images on a monitor in the form of a moving image;

accepting a signal from a joystick; and

altering the display of the moving image according to the signal, wherein moving the joystick a certain distance from a center point causes the moving image to be displayed at a certain speed.

36. A system for observing an image stream in variable speed, the system comprising:

a processor displaying images acquired by a vehicle disposed within a body lumen in the form of a moving image;

5 a joystick for accepting a signal from a user; wherein the processor accepts signals regarding the operation of the joystick and alters the display direction of the images accordingly.

37. A system for observing an image stream, the system comprising:

10 a processor displaying images acquired by a vehicle disposed within a body lumen;

a monitor displaying the images in the form of a moving image; and

15 a joystick for accepting a signal; wherein the processor accepts signals regarding the operation of the joystick and alters the display of the images accordingly; and wherein moving the joystick a certain distance from a center point causes the moving image to be displayed at a certain speed

38. A system for observing an image stream, the system comprising:

20 a processor means displaying images acquired by a vehicle disposed within a body lumen; and

a pointer means for accepting a signal from a user; wherein the processor accepts signals regarding the operation of the pointer means and alters the display direction of the images accordingly.